

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	7	capacitor and (((first or lower) adj electrode) and ((second or upper) adj electrode) near (crossover or cross-over or perpendicular)) and @ad<="20010627"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/23 10:59
L2	5	("4783605"   "4902555"   "5010451"   "5211762"   "5349203").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/23 10:53
L3	2	("20030001188").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/23 11:01
L4	0	capacitor and (((first or lower) adj electrode) and ((second or upper) adj electrode) near (crossover or cross-over or perpendicular)) and @ad<="20010627" and ((on-chip) or (on adj chip))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/23 10:59
L5	43	capacitor and (((first or lower) adj electrode) and ((second or upper) adj electrode) and (crossover or cross-over or perpendicular)) and @ad<="20010627" and ((on-chip) or (on adj chip))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/23 12:26
L6	3	capacitor and (((first or lower) adj electrode) and ((second or upper) adj electrode) with (crossover or cross-over or perpendicular)) and @ad<="20010627" and ((on-chip) or (on adj chip))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/23 11:00
L7	4	capacitor and (((first or lower) adj electrode) and ((second or upper) adj electrode) same (crossover or cross-over or perpendicular)) and @ad<="20010627" and ((on-chip) or (on adj chip))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/23 11:00
S1	24	((on-chip) adj capacitor) and ((first adj electrode) same (second electrode)) and @ad<="20010627"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 09:01

## EAST Search History

S2	2	("20030001188").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/23 10:56
S3	24	((on-chip) adj capacitor) and ((first adj electrode) and (second electrode)) and @ad<="20010627"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/10 06:22
S4	24	((on-chip) adj capacitor) and ((first adj electrode) with (second electrode)) and @ad<="20010627"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/10 07:49
S5	3	((on-chip) adj capacitor) and ((first adj electrode) with (second electrode)) and @ad<="20010627") and ((metal adj insulat\$6 adj metal) or ("MIM"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/10 07:59
S6	7	("6064085") or ("5907774") or ("5851876") or ("5817555") or ("5545585") or ("5240871") or ("6162680")).PN.	USPAT; USOCR	OR	OFF	2005/04/14 08:45
S7	24	((on-chip) adj capacitor) and (first adj electrode) and (second electrode) and @ad<="20010627"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/10 09:24
S8	30	("6329666") or ("6271596") or ("5591677") or ("6093637") or ("6239026") or ("5591677") or ("6093637") or ("6239026") or ("5162258") or ("5812364") or ("5913126") or ("5918135") or ("5920775") or ("6077742") or ("6184081") or ("6124199") or ("5315141") or ("5323037") or ("5479316") or ("5686339") or ("5753558") or ("5792687") or ("5926359") or ("6174770") or ("6376874") or ("4335505") or ("4786612") or ("5068694") or ("5366920") or ("5436477") or ("5439840") or ("5440174") or ("5670808")).PN.	USPAT; USOCR	OR	OFF	2004/09/14 10:14

## EAST Search History

S9	1701	(capacitor) and (first adj electrode) and (second adj electrode) and (perpendicular) and @ad<="20010627"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/10 10:54
S10	209	(capacitor) and (first adj electrode) and (second adj electrode) and (crossover or cross-over) and @ad<="20010627"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/10 11:02
S11	1870	(capacitor) and (first adj electrode) and (second adj electrode) and (crossover or cross-over or perpendicular) and @ad<="20010627"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/13 10:57
S12	1	("6656794").PN.	USPAT; USOCR	OR	OFF	2005/04/14 09:30
S13	254	(capacitor) and ((first adj electrode) same (second adj electrode) same (crossover or cross-over or perpendicular)) and @ad<="20010627"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/23 10:47
S14	137	(capacitor) and ((first adj electrode) with (second adj electrode) with (crossover or cross-over or perpendicular)) and @ad<="20010627"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/12 14:58
S15	37	((capacitor) and (first adj electrode) and (second adj electrode) and (crossover or cross-over or perpendicular) and @ad<="20010627") and ((on-chip) or (on adj chip))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/10 14:13
S16	1	((on-chip) adj capacitor) and ((first adj electrode) same (second electrode)) and @ad<="20010627" and crossover	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/01 12:31
S17	1	((on-chip) adj capacitor) and (first adj electrode) and (second electrode) and @ad<="20010627" and crossover	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/01 12:32
S18	179	(capacitor) and (first adj electrode) and (second electrode) and @ad<="20010627" and crossover	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/01 12:32

## EAST Search History

S20	1	("6078064").PN.	USPAT; USOCR	OR	OFF	2004/09/13 12:57
S21	2	((on-chip) adj capacitor) and (first adj electrode) and (second adj electrode) and (intersect\$6 or perpendicular\$3 or (crossover or (cross adj over))) and @ad<="20010627"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/13 13:07
S22	6	((on-chip) adj capacitor) and (first adj (electrode or conduct\$6)) and (second adj (electrode or conduct\$6)) and (intersect\$6 or perpendicular\$3 or (crossover or (cross adj over))) and @ad<="20010627"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/13 13:08
S23	22	((("6689644") or ("6420215") or ("6351406") or ("6185122") or ("6034882") or ("5985693") or ("5969380") or ("5883409") or ("5835396") or ("5781031") or ("5745407") or ("5162258") or ("5741721") or ("20020074584") or ("6064085") or ("5907774") or ("5851876") or ("5817555") or ("5545585") or ("5240871") or ("6162680"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/09/14 13:13
S24	1	("4677742").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/09/14 13:27
S25	1	("5073510").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/09/14 13:28
S33	1	("6689644").PN.	USPAT; USOCR	OR	OFF	2004/09/14 10:16
S34	21	((("6689644") or ("6420215") or ("6351406") or ("6185122") or ("6034882") or ("5985693") or ("5969380") or ("5883409") or ("5835396") or ("5781031") or ("5745407") or ("5162258") or ("5741721") or ("20020074584") or ("6064085") or ("5907774") or ("5851876") or ("5817555") or ("5545585") or ("5240871") or ("6162680"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/09/14 10:31
S45	4	((("6521540") or ("6087235") or ("5981130") or ("4946799"))).PN.	USPAT; USOCR	OR	OFF	2004/09/15 07:02

## EAST Search History

S46	137	(capacitor) and ((first adj electrode) with (second adj electrode) with (crossover or cross-over or perpendicular)) and @ad<="20010627"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/13 10:48
S47	3195	(257/296).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 10:49
S48	1539	(257/295).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 10:49
S49	470	(257/298).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 10:49
S50	660	(257/300).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 10:50
S51	775	(257/303).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 10:50
S52	1920	(257/306).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 10:50
S53	243	(257/307).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 10:51

## EAST Search History

S54	403	(257/308).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 10:52
S55	161	(257/312).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/13 10:52
S56	133	(257/295,296,298,300,303,306, 307,308,312.ccls.) and (first adj electrode) and (second adj electrode) and (crossover or cross-over or perpendicular) and @ad<="20010627"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/13 10:58
S57	18	(257/295,296,298,300,303,306, 307,308,312.ccls.) and (((first adj electrode) and (second adj electrode)) with metal) and (crossover or cross-over or perpendicular) and @ad<="20010627"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/13 13:29
S58	126	("257"/\$.ccls.) and (((first adj electrode) and (second adj electrode)) with metal) and (crossover or cross-over or perpendicular) and @ad<="20010627"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/13 11:00
S59	50	("438"/\$.ccls.) and (((first adj electrode) and (second adj electrode)) with metal) and (crossover or cross-over or perpendicular) and @ad<="20010627"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/13 11:01
S60	22	("438"/\$.ccls.) and (((first adj electrode) and (second adj electrode)) with metal) and (crossover or cross-over or perpendicular) and @ad<="20010627" and capacitor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/13 11:02
S61	56	("257"/\$.ccls.) and (((first adj electrode) and (second adj electrode)) with metal) and (crossover or cross-over or perpendicular) and @ad<="20010627" and capacitor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/13 13:25

## EAST Search History

S68	1	("5835396").PN.	USPAT; USOCR	OR	OFF	2005/04/14 10:06
S69	9	(semiconductor) and (((first adj electrode) and (second adj electrode)) with metal) and (crossover or cross-over or perpendicular) and @ad<="20010627" and capacitor and ((two-dimension\$3) or (three-dimension\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/13 13:27
S70	10	(((first adj electrode) and (second adj electrode)) with metal) and (crossover or cross-over or perpendicular) and @ad<="20010627" and capacitor and ((two-dimension\$3) or (three-dimension\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/13 13:27
S71	98	(257/295,296,298,300,303,306,307,308,312.ccls.) and capacitor and ((two-dimension\$3) or (three-dimension\$3)) and (crossover or cross-over or perpendicular) and @ad<="20010627"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/23 13:24
S72	802	("257"/\$.ccls.) and capacitor and ((two-dimension\$3) or (three-dimension\$3)) and (crossover or cross-over or perpendicular) and @ad<="20010627"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/13 13:29
S73	288	("438"/\$.ccls.) and capacitor and ((two-dimension\$3) or (three-dimension\$3)) and (crossover or cross-over or perpendicular) and @ad<="20010627"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/13 13:29
S74	98	(257/295,296,298,300,303,306,307,308,312.ccls.) and capacitor and ((two-dimension\$3) or (three-dimension\$3)) and (crossover or cross-over or perpendicular) and @ad<="20010627"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/23 13:24
S75	1859	capacitor and (first adj electrode) and (second adj electrode) and (perpendicular or crossover) and @ad<="20010627"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 09:03



## EAST Search History

S76	207	capacitor and ((first adj electrode) and (second adj electrode) with (perpendicular or crossover)) and @ad<="20010627"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 09:50
S77	6	capacitor and ((first adj electrode) and (second adj electrode) near (perpendicular or crossover)) and @ad<="20010627"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 09:03
S78	340	capacitor and ((first adj electrode) and (second adj electrode) same (perpendicular or crossover)) and @ad<="20010627"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 09:03
S79	1	capacitor and (((first adj electrode) near metal) and ((second adj electrode) near metal)) with (perpendicular or crossover)) and @ad<="20010627"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 09:54
S80	0	capacitor and (((first adj electrode) near metal) and ((second adj electrode) near metal)) near (perpendicular or crossover)) and @ad<="20010627"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 09:53
S81	1	capacitor and (((first adj electrode) near metal) and ((second adj electrode) near metal)) same (perpendicular or crossover)) and @ad<="20010627"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 09:54
S82	0	capacitor and (((first adj electrode) near metal) and ((second adj electrode) near metal)) adj (perpendicular or crossover)) and @ad<="20010627"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 09:54
S83	5	capacitor and (((first adj electrode) near metal) and ((second adj electrode) near metal)) and (perpendicular or crossover)) and @ad<="20010627"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 10:10
S84	29954	capacitor and (perpendicular or crossover) and @ad<="20010627"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 10:10



## EAST Search History

S85	105	capacitor near (perpendicular or crossover) and @ad<="20010627"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 10:23
S86	2033	(capacitor with (perpendicular or crossover)) and @ad<="20010627"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 10:23
S87	105	(capacitor near (perpendicular or crossover)) and @ad<="20010627"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 10:24
S88	4539	(capacitor same (perpendicular or crossover)) and @ad<="20010627"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 10:24
S89	223	((capacitor with metal) same (perpendicular or crossover)) and @ad<="20010627"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 10:24
S90	0	((capacitor with metal) near (perpendicular or crossover)) and @ad<="20010627"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 10:24
S91	112	((capacitor with metal) with (perpendicular or crossover)) and @ad<="20010627"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/10 10:24